

**ABSTRACT**

An ink-jet recording sheet comprising a first porous layer at the outermost position of the ink-jet recording sheet, wherein the ink-jet recording sheet satisfies the following Formula (1), when an aqueous solution, which comprises a water-soluble alcohol-type organic solvent having an SP value in an range of from 18.414 to 30.69 (MPa)<sup>1/2</sup> and a boiling point of not less than 120 °C in an amount of from 10 to 40%, is provided to the surface of the ink-jet recording sheet in an amount of 20 ml/m<sup>2</sup>,

Formula (1) 
$$V_c/V_d \leq 0.4$$

wherein each of V<sub>c</sub> and V<sub>d</sub> represents a water transition amount of a first area, where the aqueous solution is provided, and a second area, where the aqueous solution is not provided, respectively, during a contact time of 0.8 seconds when the recording material is subjected to Bristow's Measurement.